

56892. AVENA SATIVA L. Poaceæ.**Oats.**

From Wageningen, Netherlands. Seeds presented by Dr. R. J. Mansholt, Royal Netherlands College of Agriculture. Received May 1, 1923.

Mansholt III. A variety obtained by selection from *Victoire de Svalof*. Its chief characteristics are straw fairly short, very thick, stiff; grain white and plump like that of *Victoire de Svalof*, but distinctly larger; season early. It is an excellent variety, very resistant to lodging. It should not be grown on poor, light soils, as it requires rich, well-fertilized land. (Adapted from *International Review of the Science and Practice of Agriculture, Monthly Bulletin of Agricultural Intelligence, vol. 13, p. 331.*)

56893 to 56895. TRIFOLIUM INCARNATUM L. Fabaceæ. Crimson clover.

From Paris, France. Seeds purchased from Vilmorin-Andrieux & Co. Received May 1, 1923. Quoted notes by Vilmorin-Andrieux & Co.

Introduced for department specialists engaged in clover breeding.

56893. "A late crimson clover."

56894. "An early crimson clover."

56895. "A very late white-flowered crimson clover."

56896 to 56898. TRIFOLIUM PRATENSE L. Fabaceæ. Red clover.

From Lausanne, Switzerland. Seeds purchased from Dr. G. Martinet, director, Seed-Control Station. Received May 1, 1923. Quoted notes by Doctor Martinet.

Introduced for department specialists engaged in clover breeding.

56896. "No. 1021. Descended from the celebrated variety of Winkel, near Bulach, Switzerland. It is of rapid growth, yields heavily, and can be used for two years after seeding."

56897. "No. 943 (*Mattenklee*). A long-enduring variety which yields well and renews itself from time to time. The seeds are almost entirely yellow."

56898. "No. 950 (*Mattenklee*). A long-enduring variety which gives abundant forage and seeds; the latter are dark violet."

56899 to 56901.

From Svalof, Sweden. Seeds presented by N. H. Nilsson, Sveriges Utsädesforening. Received May 1, 1923.

56899 and 56900. AVENA SATIVA L. Poaceæ. Oats.

56899. *Orion*. An early-ripening black oat obtained at Svalof, Sweden, by crossing *Ligowo* and *0668*, a line from a Norwegian variety. *Orion* ripens two days earlier than the earliest variety known in Norrland and is distinctly superior to the variety *Guldregn*. In regard to yield, *Orion* has produced 5.5 per cent more grain and 7.5 per cent more straw than *Mesdag*. In short, *Orion* is very satisfactory because it produces a heavy crop of grain of good quality, ripens early, and has stiff straw. (Adapted from *International Review of the Science and Practice of Agriculture, Monthly Bulletin of Agricultural Intelligence, vol. 13, p. 637.*)

56899 to 56901—Continued.

56900. *Odal*. In the attempt to obtain an early variety of oats with the good qualities of the late variety *Guldregn*, a cross between the latter variety and *Dala* yielded a strain, *01163 b*, in which the desired characters were obtained. *Odal* does not head early, but ripens quickly. In regard to yield, *Odal* produces on an average 9 per cent more grain than *Dala*, but, owing to the shortness of the stems, gives less straw than either *Dala* or *Guldregn*. In its resistance to lodging, *Odal* is nearly equal to *Guldregn*. (Adapted from *International Review of the Science and Practice of Agriculture, Monthly Bulletin of Agricultural Intelligence, vol. 13, p. 321.*)

56901. PHELEUM PRATENSE L. Poaceæ.**Timothy.**

Gloria. A high-yielding strain, developed at Svalof by Dr. Hernfried Witte.

56902 to 56904. ZEA MAYS L. Poaceæ. Corn.

From Peru. Seeds presented by D. S. Bullock, agricultural commissioner, Bureau of Agricultural Economics. Received April 20, 1923. Quoted notes by Mr. Bullock.

56902. "(Cuzco. January, 1923.) From Sr. Gallegos, Comisionado Agronómico."

56903. "(Cuzco. January, 1923.) From T. E. Payne. Grown under irrigation at about 7,000 feet altitude."

56904. "(Same.) From Sr. Mendoza. Grown at a low altitude under irrigation."

56905. ZEA MAYS L. Poaceæ. Corn.

From La Paz, Bolivia. Seeds presented by D. S. Bullock, agricultural commissioner, Bureau of Agricultural Economics. Received April 20, 1923.

"(January, 1923.) Bought in the market." (*Bullock.*)

56906. PHYLLOCARPUS SEPTENTRIONALIS Donn.-Smith. Cæsalpiniaceæ.

From El Barranquillo, Guatemala. Seeds purchased from Fernando Carrera through A. C. Frost, American consul, Guatemala. Received May 3, 1923.

"A magnificent flowering tree found in sandy loam in eastern Guatemala at 1,500 to 2,000 feet altitude. It is of broad, spreading habit, 40 to 50 feet high, with light-green compound leaves. In January and February the tree is a mass of crimson-scarlet flowers, each about an inch broad, borne in small clusters." (*Wilson Popehoe.*)

For previous introduction, see S. P. I. No. 51409.

56907. ANANAS sp. Bromeliaceæ. Wild pineapple.

From Bello Horizonte, Minas Geraes, Brazil. Seeds presented by P. H. Rolfs, director, Escola Superior de Agricultura e Veterinaria. Received May 5, 1923.

"A wild pineapple known locally as 'ananas.' The fruit is more cylindrical than that of *Red Spanish*." (*Rolfs.*)

Introduced for department specialists engaged in pineapple breeding.